

Certified Validation Report Template, Part A: Provided by Validator

Audit Information:

Water System Name: Tahoe City Public Utility District – Alpine Peaks

Public Water System Identification (PWSID)¹: CA3110044

PWSID and Water System Configuration Notes (Provided to Validator by Water System):

Audit Period: Dec. 19, 2019 – Dec. 17, 2020

Validation Date: December 20, 2021

Sufficient Supporting Documents Provided: Yes.

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 56 Data Validity Band (Level): III

ILI: n/a (because $(L_m \times 32) + N_c < 3000$) Real Loss: 0.657 MG/year Apparent Loss: 0.035 MG/year

Non-revenue water as percent of cost of operating system: 0.3%

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

If not, rejected recommendations are included here: n/a

Validator Information:

Water Audit Validator: Autumn DeWoody

Qualifications: Water Audit Validator Certificate issued by the CA-NV Section of the AWWA

¹ List only 1 PWSID, which should match the PWSID on the FWAS Instructions Tab. For Special cases where multiple water systems are connected with permanent two-way interties, list those additional PWSIDs in the **Notes** below and describe the water distribution system(s) configuration.

Certified Validation Report Template, Part B: Provided by Utility

Utility Provided

Water System Name: Tahoe City Public Utility District – Alpine Peaks

Public Water System Identification (PWSID)¹: CA 3110044

Water Audit & Water Loss Improvement Steps:

1. Steps Taken: Water System to identify steps taken in the preceding 3 years to increase data validity, reduce real loss, and reduce apparent loss as informed by the annual validated water audit:

- Performed acoustical leak detection in high risk areas, such as steel pipe, galvanized services and higher pressure zones
- Started conversion to AMI infrastructure (from AMR) for all customer meters
- Utilizing pre-established DMA zones (1 total for this system) and performing internal water loss audits for each DMA zone on a monthly basis since 2010

2. Planned Steps (OPTIONAL): If your audit reflects negative real losses or the cost of non-revenue water is greater than 100% of the operating costs (issues for which your audit will not meet code requirements), you will be asked what steps you are planning in the coming year to address these issues. If you already know what steps you plan to take, you may list them here. If not, please prepare a response within 90 days (23 CCR Section 638.6[a]).

3. Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audit and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (Print)

Executive Position

Signature

Date

Sean Barclay

General Manager



12/22/21